

ABSTRACT

The invention judges whether or not the relation between an illumination at a desired position and a target illumination satisfies a predetermined condition, and causes the illumination at the desired position to approach the target illumination by letting a plurality of lighting devices successively perform a procedure of increasing/decreasing their respective light intensities based on a result of the judgment. The illumination at the desired position is caused to approach the target illumination by randomly varying the light intensities of the lighting devices, making comparison between the illumination at the desired position and the target illumination, and narrowing the width of variation based on a result of the comparison. When the electric power consumption has increased, the light intensities are returned to the previous values. Furthermore, there is provided a control terminal device for control that can be used for other control amounts.